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JP6343470A2: GENE OF PROLIFERATION FACTOR ORIGINATED FROM HUMAN HEPATIC CANCER CELL

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Country: **JP Japan**

Kind:

Inventor(s): **IZUMOTO YOSHITAKA
NAKAMURA HIDEJI**

Applicant(s): **SEKISUI CHEM CO LTD
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Issued/Filed Dates: **Dec. 20, 1994 / June 4, 1993**

Application Number: **JP1993000134258**

IPC Class: **C12N 15/12; C07K 13/00; C12N 1/21; C12N 5/10; C12P 21/02; C12N 1/21;**

Abstract: **Purpose:** To obtain a new DNA useful for the preparation of a proliferation factor originated from human hepatic cancer cell.
Constitution: A DNA coding for a proliferation factor originated from human hepatic cancer cell and having the amino acid sequence of formula. The proliferation factor DNA originated from human hepatic cancer cell can be prepared by extracting mRNA from cultured HuH-7 cell originated from human hepatic cancer cell, synthesizing a double-stranded cDNA from the mRNA, amplifying a DNA fragment of a proliferation factor originated from human hepatic cancer cell by PCR method to design a probe of oligonucleotide for screening, integrating the cDNA into a vector DNA for procaryote to obtain a cDNA library and screening the probe for screening.
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Family: [Show known family members](#)

Other Abstract Info: **CHEMABS 122(13)157833J CAN122(13)157833J DERABS C95-069304 DERC 069304**

Foreign References: **No patents reference this one**



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oligonucleotide for screening,
integrating the cDNA into a
vector DNA for procaryote to
obtain a cDNA library and
screening the probe for
screening.

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Met Ser Arg Ser Ala Arg Glu Lys Glu Tyr
1          5          10
Lys Cys Gly Asp Leu Val Phe Ala Lys Met
          15          20
Lys Gly Tyr Pro His Trp Pro His Arg Ile
          25          30
Asp Glu Met Pro Glu Ala Ala Val Lys Ser
          35          40
Thr Ala Asn Lys Tyr Glu Val Phe Phe Phe
          45          50
Gly Thr His Glu Thr Ala Phe Leu Gly Pro
          55          60
Lys Asp Leu Phe Pro Tyr Glu Glu Ser Lys
          65          70
Glu Lys Phe Gly Lys Pro Asn Lys Arg Lys
          75          80
Gly Phe Ser Glu Gly Leu Trp Glu Ile Glu
          85          90
Asn Asn Pro Thr Val Lys Ala Ser Gly Tyr
          95          100
Glu Ser Ser Glu Lys Lys Ser Cys Val Glu
          105          110
Glu Pro Glu Pro Glu Pro Glu Ala Ala Glu
          115          120
Gly Asp Gly Asp Lys Lys Gly Asn Ala Glu
          125          130
Gly Ser Ser Asp Glu Glu Gly Lys Leu Val
          135          140
Ile Asp Glu Pro Ala Lys Glu Lys Asn Glu
          145          150
Lys Gly Ala Leu Lys Arg Arg Ala Gly Asp
          155          160
Leu Leu Glu Asp Ser Pro Lys Arg Pro Lys
          165          170
Glu Ala Glu Asn Pro Glu Gly Glu Glu Lys
          175          180
Glu Ala Ala Thr Leu Glu Val Glu Arg Pro
          185          190
Leu Pro Met Glu Val Glu Lys Asn Ser Thr
          195          200
Pro Ser Glu Pro Gly Ser Gly Arg Gly Pro
          205          210
Pro Glu Glu Glu Glu Glu Glu Glu Asp Glu
          215          220
Glu Glu Glu Ala Thr Lys Glu Asp Ala Glu
          225          230
Ala Pro Gly Ile Arg Asp His Glu Ser Leu
          235          240

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